



## CONGRESSIONAL BUDGET OFFICE COST ESTIMATE

October 9, 2002

### **S. 2951**

### **Federal Aviation Administration Research, Engineering, and Development Act of 2002**

*As ordered reported by the Senate Committee on Commerce, Science, and Transportation  
on September 19, 2002*

#### **SUMMARY**

S. 2951 would authorize the appropriation of \$822 million over the 2003-2005 period for research activities of the Federal Aviation Administration (FAA). The bill also would require the agency to support specific areas of research, including airfield pavements, air traffic management, wake turbulence, air quality research, and the causes of airport delays. Finally, the bill would require the FAA and the National Aeronautics and Space Administration (NASA) to prepare an integrated civil aviation research and development plan.

CBO estimates that implementing S. 2951 would cost \$822 million over the 2003-2007 period, assuming appropriation of the specified amounts. Enacting S. 2951 would not affect direct spending or revenues.

S. 2951 contains no intergovernmental or private-sector mandates as defined in the Unfunded Mandates Reform Act (UMRA) and would impose no costs on state, local, or tribal governments.

#### **ESTIMATED COST TO THE FEDERAL GOVERNMENT**

The estimated budgetary impact of S. 2951 is shown in the following table. The costs of this legislation fall within budget function 400 (transportation).

	By Fiscal Year, in Millions of Dollars				
	2003	2004	2005	2006	2007
<b>CHANGES IN SPENDING SUBJECT TO APPROPRIATION</b>					
FAA Research, Engineering, and Development					
Authorization Level <sup>a</sup>	261	274	287	0	0
Estimated Outlays	144	239	280	128	31

a. A full-year appropriation for FAA's Research, Engineering, and Development program has not yet been provided for 2003. The Congress appropriated \$156 million for that program in 2002.

## **BASIS OF ESTIMATE**

S. 2951 would authorize \$261 million in 2003, \$274 million in 2004, and \$287 million in 2005 for FAA's Research, Engineering, and Development program. Based on historical spending patterns of that program, CBO estimates that implementing S. 2951 would cost \$822 million over the 2003-2007 period. For this estimate, CBO assumes that S. 2951 will be enacted near the start of 2003 and the authorized amounts will be provided each year.

Based on information from NASA, CBO estimates that producing the integrated research plan with the FAA would impose negligible costs on NASA.

## **INTERGOVERNMENTAL AND PRIVATE-SECTOR IMPACT**

S. 2951 contains no intergovernmental or private-sector mandates as defined in UMRA and would impose no costs on state, local, or tribal governments.

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